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☐	L10	L9 and l6 and l4	23
☐	L9	343/$4.ccls.	30611
☐	L8	6172970.pn.	2
☐	L7	L6 and (l2 and l4)	8
☐	L6	((plural$3 or multi$5) near3 antenna$) same (frequenc$3 near3 shift$3)	397
☐	L5	L4 and l1	34
☐	L4	@ad<=20000204	18800510
☐	L3	@ad<=20020204	21889051
☐	L2	375/267.ccls. or 375/347.ccls. or 455/132.ccls. or 455/137.ccls.	2247
☐	L1	(diversity near3 (receiver$)) same (frequenc$3 near3 shift$3)	113

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L5: Entry 30 of 34 File: USPT May 9, 1972

DOCUMENT-IDENTIFIER: US 3662268 A
TITLE: DIVERSITY COMMUNICATION SYSTEM USING DISTINCT SPECTRAL ARRANGEMENTS FOR EACH BRANCH

Application Filing Date (1):
19701117

Brief Summary Text (9):
The system may utilize a space diversity array at the transmitter and a single antenna, single front end receiver in which all inputs are combined in a conventional mixer or squarer. The spectral arrangement technique, however, is also capable of separating pairs of appropriately arranged signals in other environments. For example, in a diversity array receiver having the pilot-carrier pair received by each antenna, the reception on each branch could be individually shifted in frequency to form an appropriate spectral arrangement so that when the shifted outputs are beat in a common mixer a coherent combined output is produced.

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☐	L8	6172970.pn.	2
☐	L7	L6 and (l2 and l4)	8
☐	L6	((plural$3 or multi$5) near3 antenna$) same (frequenc$3 near3 shift$3)	397
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☐	L2	375/267.ccls. or 375/347.ccls. or 455/132.ccls. or 455/137.ccls.	2247
☐	L1	(diversity near3 (receiver$)) same (frequenc$3 near3 shift$3)	113

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L11: Entry 11 of 23 File: USPT Oct 25, 1994

DOCUMENT-IDENTIFIER: US 5359337 A
TITLE: Stabilized antenna system

Application Filing Date (1):
19911121

Brief Summary Text (54):
The array antenna includes a plurality of antenna elements arranged in a plurality of columns, and variable phase shifters associated with at least respective columns of the antenna elements except for the central column of the antenna elements and being adopted to phase-shift high frequency signals related to the antenna elements in the columns associated therewith, thereby steering the beam electronically around the virtual axis.

Current US Original Classification (1):
343/765

Current US Cross Reference Classification (2):
343/757

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